

Partial translation of Reference 1 (JP Utility Model Publication (Kokai) No. 62-011135 A (1987))

Claims

1. A capsule structure wherein separated plural compartments are provided so that each of said compartments can be separately filled with a different material.
2. The capsule structure of claim 1 wherein said plural compartments comprise an inner compartment and an outer compartment enclosing said inner compartment.

Field of the invention (page 1, lines 12-15)

The present invention relates to a capsule structure used for filling drugs, nutrients, health food products and the like.

Problem to be addressed (page 2, lines 1-13)

Conventional capsules consist of a pair of capsule halves 41A and 41B, as shown in Figure 8. The open sides of both halves are fitted onto each other to form compartment 43 for filling a material 42 such as a drug inside the capsule.

One problem associated with this structure is that it is difficult to combine different materials having characteristics that will alter upon intermixing or those materials in different states such as solid and liquid in a single capsule. Therefore, it is necessary to prepare discrete capsules for each material depending on the combination of materials and this may not only increase the cost for manufacturing but also be inconvenient upon being taken.